

What is claimed is:

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- 1 1. A method comprising:
2 receiving a graphical object having associated profile information;
3 generating a profile based on the associated profile information; and
4 identifying the profile to a color management system.
- 1 2. The method of claim 1, wherein generating a profile comprises:
2 storing a portion of the associated profile information in a profile file;
3 associating a filename with the profile; and
4 communicating the filename to the color management system.
- 1 3. The method of claim 2, wherein storing a portion of the associated profile
2 information comprises storing a value representative of a color relation between an
3 input color space and a profile color space.
- 1 4. The method of claim 3, wherein the stored value comprises an illuminant
2 tag value.
- 1 5. The method of claim 4, wherein the illuminant tag value comprises a
2 mediaWhitePointTag value.
- 1 6. The method of claim 2, further comprising storing a redColorantTag value
2 and a greenColorantTag value and a blueColorantTag value.

1 7. A program storage device, readable by a device, comprising:
2 instructions stored thereon for causing the device to
3 receive a graphical object having associated profile information;
4 generate a profile based on the associated profile information; and
5 identify the profile to a color management system.

1 8. The program storage device of claim 7, wherein the graphical object
2 comprises an image.

1 9. The program storage device of claim 7, wherein the instructions to generate
2 a profile comprise instructions to:
3 store a portion of the associated profile information in a profile file; and
4 remove the associated profile information from the graphical object to
5 generate a second graphical object.

1 10. The program storage device of claim 7, wherein the instructions to identify
2 comprise instructions to:
3 associate a filename with the profile; and
4 communicate the filename to the color management system.

1 11. The program storage device of claim 7, wherein the color management
2 system comprises an application program to render the received image.

1 12. The program storage device of claim 7, further comprising instructions to
2 communicate the graphical object to the color management system.

1 13. The program storage device of claim 7, wherein the color management
2 system comprises an application to render the received image.

1 14. A system comprising:
2 a computer system having a bus;
3 a device, operatively coupled to the bus, to capture a graphical object, the
4 graphical object having a profile information portion and a data portion; and
5 a generator, operatively coupled to the device, to generate a profile based
6 on the profile information portion.

1 15. The system of claim 14, wherein the device comprises a digital camera.

1 16. The system of claim 14, wherein the profile comprises an illuminant tag
2 attribute value.

1 17. The system of claim 16, wherein the illuminant tag attribute value
2 comprises a media White Tag attribute value.

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1 18. The system of claim 14, wherein the profile comprises an measurement tag
2 attribute value.

1 19. The system of claim 14, further comprising a circuit, operatively coupled to
2 the generator, to communicate the profile to a color management system.

1 20. The system of claim 19, wherein the color management system comprises
2 an application program to render the graphical object.

1 21. The system of claim 19, further comprising a second circuit, operatively
2 coupled to the device, to communicate the data portion to the color management
3 system.

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1 22. A method comprising:
2 receiving a graphical object having a profile information part and a data
3 part;
4 comparing at least a portion of the profile information part to at least a
5 portion of a prior received profile information part and, based on the comparison,
6 identifying a current profile information part to a color management system.

1 23. The method of claim 22, wherein the current profile information part
2 comprises at least a portion of the profile information part.

1 24. The method of claim 22, wherein the current profile information part
2 comprises at least a portion of the prior received profile information part.

1 25. The method of claim 22, wherein comparing comprises comparing an
2 illuminant tag value.

1 26. The method of claim 22, wherein the illuminant tag value comprises a
2 mediaWhitePointTag value.

1 27. The method of claim 22, wherein the illuminant tag value comprises a
2 viewingConditionsTag value.

1 28. The method of claim 22, wherein identifying the profile information part
2 comprises:
3 generating a profile based on the profile information part;
4 identifying the profile to the color management system; and
5 storing the generated profile.

1 29. The method of claim 28, wherein identifying the profile to the color
2 management system comprises notifying the color management system through an
3 application programming interface call.

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